


ENVIR 202: Lesson No. 10



Midterm Examination Review

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Midterm Examination

- ❖ The examination will consist of:
 - Six short answer questions (of which you will be required to select and answer four); and,
 - One essay question (out of two possible choices).
- ❖ No bluebooks needed
- ❖ Additional details available on the course website
(Homepage ➡ Schedule ➡ Midterm study guide)

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Short Answer Questions

1. McMichael states that climate effects occur on two time scales: long term and shorter term. Describe the consequences of each and give an example of each.
2. Diseases have ravaged human populations since the dawn of time. Disease require a route of exposure or vector to infect the host. Describe how the management of a public trust resource can influence the spread of disease.
3. Describe a disease in terms of its infectivity, pathogenicity, and virulence.

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Short Answer Questions

4. Why is it becoming increasingly important to know the geographic origins of agricultural crops?
5. What are three ways to intensify agriculture, and what are the implications of one of them?
6. What are some of the difficulties associated with measuring past human populations, and why should we care? Why do the numbers matter?

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Short Answer Questions

7. What were some of the ways that Americans made connections between health and environment in the 19th century?
8. Consider the "Beholding Eye" exercise. How does our personal experience and background influence the way we view environmental health problems?
9. What are the advantages and disadvantages of studying an issue in stakeholders' perspectives?

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Short Answer Questions

10. In what ways do traditional homes differ from modern homes socially and/or environmentally? (name at least three). Then, describe three examples of ways in which traditional homes might adapt to their local environments.
11. We are using two different books (Riis and McMichael) two lecturers and different articles from different authors in this class. Why is it important to use different modes of information when studying the environment? Are there any specific advantages or disadvantages of using one information source over the other?

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Essay Questions

A. Both Chuck and Gail stressed the importance of recognizing that the "lenses" that we use to view any phenomena color the way we see things. Explain what they mean by "lenses", identifying at least three of the lenses that have been brought to bear on the subject of human population and health. Explain how the use of these lenses have sharpened our view and how they can also blind us. Suggest at least one other lens that could be used to examine the interaction of various factors impacting populations and their health.

B. Critique McMichael's approach to population and health. Referring to lectures, other readings, or internal contradictions in the book, what does he leave out?

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Essay Questions

C. 90% of *homo sapiens'* existence has been as hunter gatherers. Describe some of the consequences on population health as societies shifted to agriculture.

D. Over the last two hundred years the world's population has become increasingly urban. What has driven this shift in human living patterns? Using examples from the lectures, textbooks, readings and films, detail three "push" and three "pull" factors that have contributed to this trend. What are some of the human health and ecological consequences of this shift in where people live? What can or should societies do to maximize the benefits and minimize the costs associated with urbanization?

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Questions



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